ELSEVIER

Geomorphology 42 (2002) 365–366

GEOMORPHOLOGY

www.elsevier.com/locate/geomorph

Contents Volume 42, 2002

Vol. 42, Nos. 1–2

Research Papers

Glacial erosion and relief production in the Eastern Sierra Nevada, California
S.H. Brocklehurst and K.X. Whipple 1

Particle size characterisation of Holocene back-barrier sequences from North Atlantic coasts (SW Spain and SE England)
J. Lario, C. Spencer, A.J. Plater, C. Zazo, J.L. Goy and C.J. Dabrio 25

Climate and surface properties: hydrological response of small arid and semi-arid watersheds
A. Yair and A. Kossovsky 43

Glacial stratigraphy of Stough Creek Basin, Wind River Range, Wyoming
D.E. Dahms. 59

Ice jam-caused fluvial gullies and scour holes on northern river flood plains
D.G. Smith and C.M. Pearce. 85

Quaternary basin evolution and present tectonic regime in the area of the 1997–1998 Umbria–Marche seismic sequence (central Italy)
P. Messina, F. Galadini, P. Galli and A. Sposato 97

The Barranco de Tirajana basin, Gran Canaria (Spain). A major erosive landform caused by large landslides
A. Lomoschitz, J. Meco and J. Corominas 117

Origin of terraced hillslopes on active folds in the southern San Joaquin Valley, California
A.E. Bielecki and K.J. Mueller 131

TDR measurements of hydraulic jump aeration in the South Fork of the American River, California
B.L. Vallé and G.B. Pasternack 153

Book reviews 167

Vol. 42, Nos. 3–4

Research Papers

Rates of floodplain accretion in a tropical island river system impacted by cyclones and large floods
J.P. Terry, S. Garimella and R.A. Kostaschuk. 171

Geomorphology of sand dunes in the Northeast Taklimakan Desert
X. Wang, Z. Dong, J. Zhang and G. Chen. 183

Sea cliffs resulting from late Miocene extensional tectonics: the Serra Gelada case study (Betic Cordillera, Spain)
A. Yébenes, P. Alfaro, J. Delgado, A. Estévez and J.M. Soria 197

Landslide characteristics and slope instability modeling using GIS, Lantau Island, Hong Kong
F.C. Dai and C.F. Lee 213

Effectiveness of grade-control structures in reducing erosion along incised river channels: the case of Hotophia Creek, Mississippi
A. Simon and S.E. Darby 229

Neotectonics and Quaternary geology of the Hunter Mountain fault zone and Saline Valley region, southeastern California
J.A. Oswald and S.G. Wesnousky 255

Study of weathering processes developed on old piedmont surfaces in Western Spain: new contributions to the interpretation of the ''Raña'' profiles
E. Molina Ballesteros and M. Cantano Martín 279
Morphodynamics of a pseudomeandering gravel bar reach
J. Bartholdy and P. Billi 293
Heavy metal contamination of an arid river environment: Gruben River, Namibia
M.P. Taylor and R.G.H. Kesterton. 311
Dynamics of a complex mass movement triggered by heavy rainfall: a case study from NW Turkey
F. Ocakoglu, C. Gokceoglu and M. Ercanoglu 329
Derivation of the chalk superficial deposits of the North Downs, England: an application of discriminant analysis
D.I. Wilson 343

Contents Volume 42, 2002 365